

PRODUCT NEWS

Remote monitoring and service

On some sites where humidifiers are installed, the workforce do not have the experience or time to maintain the equipment. For this reason **Humidity Solutions** now offers a remote monitoring service where the control panel is fitted with a mobile connection or is linked to the site's internet and sends information from the humidifier to a secure cloud data store where Humidity Solutions can pick up live data to monitor.

On a planned maintenance contract, regular service visits can be adjusted according to what the humidifier is reporting. If hours run are greater in the winter than the summer, then the visit is planned to accommodate this. If the humidifier goes into fault or indicates that it requires a service, the service team can respond by interrogating the control panel to see if it is a major or



minor issue - perhaps resetting the unit if it is minor or arranging for an engineer to attend if it is a more serious issue. This will be organised proactively as part of the contract.

A good understanding of the nature of the fault can be determined by monitoring the system. The engineer can then attend site with the correct parts.

This technology can be applied to Airtec systems, as well as resistive steam and gas humidifiers.
Tel: 0844 8221180

In-service corrosion monitoring



Ionix Advanced Technologies has announced the release of its latest collaboration for ultrasonic corrosion/erosion trending - TRND.

TRND offers a cost-effective move from conventional corrosion inspection to in-service condition

monitoring whilst removing significant investment in infrastructure and hardware. Built on the high-temperature HotSense platform and wirelessly connected by Inductosense's battery-less WAND technology, the TRND system can be retrospectively installed and implemented within the harshest of environments.

Within minutes of installation quantitative wall thickness data can be acquired, remotely analysed and reported through the cloud-based data management system.
www.ionix.at
Tel: 01484 505859

Helping reduce tool costs

Pneumatic tools comprise an air motor, gears, wearing parts such as vanes, bearings, and seals that require effective maintenance to ensure the tools give optimum performance and preserve manufacturers specifications.

Preventive maintenance for the airline installation will assist in reducing warranty costs overtime.

Chicago Pneumatic says two factors become essential to operate pneumatic tools at rated specifications: A dynamic air pressure of '90 psi' at the tool's limit and recommended air flow, given by the tools manufacturer. Using a suitable filter/regulator/lubricator (example 3/4in CP 894 016 8484) will ensure the right



air flow and pressure at the tool inlet.

The filter cleans compressed air, trapping solid particles such as dust or rust. The regulator ensures the consistency of the dynamic pressure for better tool performance. The lubricator adds controlled quantities of airline oil such as recommended oil part number: P089507 (0.5 litre) to reduce friction between moving parts in the tools air motor.

Tel: 01442 838999

Integrated liquid management solutions

Many industrial situations are complex and have short timelines. Every project is unique, but they all share the same fundamental needs for safety, quality, 24/7 support and protecting the environment.

With knowledge of a wide range of industries, **BakerCorp** delivers high quality, well-maintained rental equipment with 24/7 service. It specialises in liquid management solutions for demanding projects. From a single-product storage project to the setting up of an integrated multi-product solution, the company can provide extensive industry and application experience.

Its products are designed with safety and quality as top priority, have 'Plug & Play' features and offer versatility. This translates into benefits throughout the product lines. Tanks are built according to



strict EN standards and are TÜV approved. Pumps are available in various materials to handle the most challenging liquids and many are ATEX-approved. Filtration equipment can be used in multiple configurations and seamlessly integrates with all other Baker products.

The company will be at Maintec 2018, Stand 104
Tel: 0330 3332611

4mm video borescope

The VUCAM AF video borescope is a 4mm dia. unit designed to support inspections in hard to reach areas through smaller openings.

Features include ergonomic user



interface, touch screen operation and precise camera control. Easy to adjust, the 5.7in touch screen can be tilted to achieve the best viewing angle.

A life-time warranty, high power LED light source is said to provide excellent illumination to the scene, and the camera head can be remotely articulated through 360°.

A crisp image is displayed for evaluation and captured digitally as JPEG or digital video onto SD card. Text comments can be edited without covering any of the image information, and recorded using a fully featured touch keyboard.

Crimson Industrial Vision has more details.
Tel: 01892 539503

Drainage work completed

A six-month programme of drainage maintenance has been completed on the M1 near London during which more than 150 repairs were made to detective surface water drains.

Over 130 nights, thousands of metres of highway drains were desilted. Some 150 point repairs, also known as patch liners, were installed, along with six full-length pipe liners.

Full-length liners - one 90m, the others between 30 and 50m long - were installed by **Lanes** sewer rehabilitation division, based in Manchester.

It used a technique called ultra-violet (UV) cured-in-place pipe lining (CIPP). A glass-reinforced-plastic liner, impregnated with UV-sensitive resin was installed in the defective pipe,

then inflated with compressed air. A UV light array was pulled through the liner to cure, or harden, the resin, creating a new pipe-within-a-pipe.

The patch liners were shorter (1 to 2m long), and were cured with resin that reacts in ambient temperatures. All lateral connections were reopened using a robotic cutter.

Tel: 0800 526 488

